

PCT REQUEST

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Original (for SUBMISSION) - printed on 24.12.2002 02:40:56 PM

OP020135

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	

0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.06.2002)

0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	

0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
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0-7	Applicant's or agent's file reference	OP020135
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I	Title of invention	METHOD AND SYSTEM FOR ANALYSIS OF CANCER BIOMARKERS USING PROTEOME IMAGE MINING
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II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	BIOINFRA INC.
II-5	Address:	304 Science and Engineering Building, Incheon University 177 Dohwa-dong, Nam-gu, 402-060 Incheon-si Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-32-763-0608
II-9	Facsimile No.	82-32-763-0609
II-10	e-mail	syohn@ahu.ac.kr

III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KIM, Chul-Woo
III-1-5	Address:	San 2-120, Galmae-dong Guri-si 471-080 Gyeonggi-do Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	PARK, Young-Mee
III-2-5	Address:	#1303-907 Mokdong Apt., Mok-dong, Yangcheon-gu 158-050 Seoul
III-2-6	State of nationality	Republic of Korea
III-2-7	State of residence	KR
III-3	Applicant and/or inventor	KR
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	PARK, Jong-Sou
III-3-5	Address:	#919-202 Gisan Apt., 948 Hwajeong-dong, Deogyang-gu, Goyang-si
III-3-6	State of nationality	412-270 Gyeonggi-do Republic of Korea
III-3-7	State of residence	KR
III-4	Applicant and/or inventor	KR
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	CHI, Sung-Do
III-4-5	Address:	#610-1303 Hugokmaul, Ilsan-dong Ilsan-gu, Goyang-si
III-4-6	State of nationality	411-310 Gyeonggi-do Republic of Korea
III-4-7	State of residence	KR
III-5	Applicant and/or inventor	KR
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	OHN, Syng-Yup
III-5-5	Address:	#6-1109 Shindonga Apt., 241-21, Seobinggo-dong, Yongsan-gu 140-751 Seoul
III-5-6	State of nationality	Republic of Korea
III-5-7	State of residence	KR

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III-6	Applicant and/or inventor	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	HWANG, Soo-Chan
III-6-5	Address:	#601-803 Gangsunmaul, Juyeop-dong Ilsan-gu, Goyang-si 411-370 Gyeonggi-do Republic of Korea
III-6-6	State of nationality	KR
III-6-7	State of residence	KR
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEE, Sei-Jin
IV-1-2	Address:	17th Floor, City Air Tower 159-9 Samsung-dong, Gangnam-gu, 135-973 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-6203-1020
IV-1-4	Facsimile No.	82-2-6203-1026
IV-1-5	e-mail	sjlee@hanolip.com
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	SON, Min; KIM, Seong-Nam
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT

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V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	08 April 2002 (08.04.2002)
VI-1-2	Number	10-2002-0019028
VI-1-3	Country	KR
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	31 October 2002 (31.10.2002)
VI-2-2	Number	10-2002-0067298
VI-2-3	Country	KR
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)
VIII	Declarations	
VIII-1	Declaration as to the identity of the inventor	Number of declarations
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	-
IX-2	Description	26	-
IX-3	Claims	6	-
IX-4	Abstract	1	-
IX-5	Drawings	15	EZABST00.TXT
IX-7	TOTAL	54	-
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	référence no. OP020135	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the International application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	LEE, Sei-Jin	
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	SON, Min	
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	KIM, Seong-Nam	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form - PCT/RO/101 (Annex)	
0-4-1	PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.06.2002)
0-9	Applicant's or agent's file reference	OP020135
2	Applicant	BIOINFRA INC., et al.
12	Calculation of prescribed fees	fee amount/multiplier Total amounts (KRW)
12-1	Transmittal fee T	⇒ 45,000
12-2-1	Search fee S	⇒ 150,000
12-2-2	International search to be carried out by	KR
12-3	International fee	
	Basic fee	
	(first 30 sheets) b1	530,000
12-4	Remaining sheets	24
12-5	Additional amount (X)	12,000
12-6	Total additional amount b2	288,000
12-7	b1 + b2 = B	818,000
12-8	Designation fees	
	Number of designations contained in international application	93
12-9	Number of designation fees payable (maximum 5)	5
12-10	Amount of designation fee (X)	114,000
12-11	Total designation fees D	570,000
12-12	PCT-EASY fee reduction R	-163,000
12-13	Total International fee (B+D-R) I	⇒
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒ 1,225,000
12-19	Mode of payment	⇒ 1,420,000
		cash

VALIDATION LOG AND REMARKS

13-2-2	Validation messages States	Green? More designations could be made. The following States have not been designated: KR. Please verify.
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PCT (ANNEX - FEE CALCULATION SHEET)

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13-2-7	Validation messages Contents	Green? The abstract appears to be more than 150 words, applicant is reminded that it should be as concise as the disclosure permits (preferably 50 to 150 words if it is in English or when translated into English)
		Green? Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
		Green? Priority 2. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available
13-2-1 1	Validation messages For receiving Office/International Bureau use only	Green? Verify electronic data for consistency against printed form.